

## Author Index

- Abdollahi, H.  
— and Bagheri, L.  
Simultaneous spectrophotometric determination of Vitamin K<sub>3</sub> and 1,4-naphthoquinone after cloud point extraction by using genetic algorithm based wavelength selection-partial least squares regression 211
- Abramova, N., see Bratov, A. 99
- Albanis, T.A., see Lambropoulou, D.A. 125
- Bagheri, L., see Abdollahi, H. 211
- Belysheva, G.M., see Brainina, Kh.Z. 227
- Bicanic, D., see Dóka, O. 235
- Brainina, Kh.Z.  
—, Stozhko, N.Yu., Belysheva, G.M., Inzhevato, O.V., Kolyadina, L.I., Cremisini, C. and Galletti, M.  
Determination of heavy metals in wines by anodic stripping voltammetry with thick-film modified electrode 227
- Brambilla, G.  
—, Cherubini, G., De Filippis, S., Magliuolo, M. and di Domenico, A.  
Review of aspects pertaining to food contamination by polychlorinated dibenzodioxins, dibenzofurans, and biphenyls at the farm level 1
- Bratov, A.  
—, Abramova, N. and Domínguez, C.  
Investigation of chloride sensitive ISFETs with different membrane compositions suitable for medical applications 99
- Broadhurst, D., see Ellis, D.I. 193
- Brynn Hibbert, D., see Li, J. 51
- Budič, B., see van Elteren, J.T. 137
- Budnikov, H., see Snejdarkova, M. 79
- Bunzel, M., see Dóka, O. 235
- Camões, M.F., see Viçoso, C. 131
- Carducci, C.N., see Vizioli, N.M. 167
- Carneiro, J.M.T., see Dias, A.C.B. 253
- Carpenter, H.E., see Herbert, B.J. 27
- Cattle, J., see Li, J. 51
- Chance Carter, J.  
—, Khulbe, P.K., Gray, J., Van Zee, J.W. and Michael Angel, S.  
Raman spectroscopic evidence supporting the existence of Ni<sub>4</sub>(OH)<sub>4</sub><sup>4+</sup> in aqueous, Ni(NO<sub>3</sub>)<sub>2</sub> solutions 241
- Chen, B.-M.  
—, Liang, Y.-Z., Guo, F.-Q., Huang, L.-F., Deng, F.-L., Chen, X. and Wang, Y.-L.  
Rapid, simple, specific liquid chromatographic-electrospray mass spectrometry method for the determination of glibenclamide in human plasma 185
- Chen, J.-L., see Zhu, C.-Q. 247
- Chen, X., see Chen, B.-M. 185
- Cherubini, G., see Brambilla, G. 1
- Chikama, K.  
—, Negishi, T. and Nakatani, K.  
Extraction of tributyltin and triphenyltin across a single oil droplet/water interface 145
- Choi, M.M.F., see Wu, X.J. 219
- Cremisini, C., see Brainina, Kh.Z. 227
- Da, S.-L., see Xu, L. 179
- De Filippis, S., see Brambilla, G. 1
- De Nucci, G., see Pereira, A.S. 9
- Deng, F.-L., see Chen, B.-M. 185
- di Domenico, A., see Brambilla, G. 1
- Dias, A.C.B.  
—, Carneiro, J.M.T., Grassi, V. and Zagatto, E.A.G.  
High-sensitivity methods for sequential injection determination of the main constituents of alloys 253
- Dóka, O.  
—, Bicanic, D. and Bunzel, M.  
Quantification of lignin in synthetic mixtures of xylan and cellulose powders by photoacoustic spectroscopy 235
- Domínguez, C., see Bratov, A. 99
- Donato, J.L., see Pereira, A.S. 9
- Du, Y.-P., see Li, B.-Y. 69
- Ellis, D.I.  
—, Broadhurst, D. and Goodacre, R.  
Rapid and quantitative detection of the microbial spoilage of beef by Fourier transform infrared spectroscopy and machine learning 193
- Esteban-Díez, I.  
—, González-Sáiz, J.M. and Pizarro, C.  
An evaluation of orthogonal signal correction methods for the characterisation of *arabica* and *robusta* coffee varieties by NIRS 57
- Evtugyn, G., see Snejdarkova, M. 79
- Feng, Y.-Q., see Xu, L. 179
- Fuller, S., see Li, J. 51
- Galletti, M., see Brainina, Kh.Z. 227
- González-Sáiz, J.M., see Esteban-Díez, I. 57
- Goodacre, R., see Ellis, D.I. 193
- Grassi, V., see Dias, A.C.B. 253
- Gray, J., see Chance Carter, J. 241
- Gu, J.-M., see Xu, L. 179
- Guo, F.-Q., see Chen, B.-M. 185
- Herbert, B.J.  
—, Carpenter, H.E., Kane-Maguire, N.A.P. and Wheeler, J.F.  
Use of chiral capillary electrophoresis and circular dichroism for the determination of absolute values of Δε for diimine transition metal complexes 27
- Hianik, T., see Snejdarkova, M. 79
- Hu, Y., see Li, B.-Y. 69
- Huang, L.-F., see Chen, B.-M. 185
- Inzhevato, O.V., see Brainina, Kh.Z. 227
- Jacobsson, S.P., see Wiberg, K. 203
- Jiang, D., see Zhang, S. 89
- John, R., see Zhang, S. 89
- Kane-Maguire, N.A.P., see Herbert, B.J. 27
- Karyakin, A., see Snejdarkova, M. 79

- Khulbe, P.K., see Chance Carter, J. 241  
Kirsanov, D., see Legin, A. 107  
Kolyadina, L.I., see Brainina, Kh.Z. 227  
Koutsopoulou, M., see Pistos, C. 15
- Lambropoulou, D.A.  
— and Albanis, T.A.  
Determination of the fungicides vinclozolin and dicloran in soils using ultrasonic extraction coupled with solid-phase microextraction 125
- Lau, C.  
—, Qin, X., Liang, J. and Lu, J.  
Determination of cysteine in a pharmaceutical formulation by flow injection analysis with a chemiluminescence detector 45
- Legin, A.  
—, Makarychev-Mikhailov, S., Kirsanov, D., Mortensen, J. and Vlasov, Y.  
Solvent polymeric membranes based on tridodecylmethylammonium chloride studied by potentiometry and electrochemical impedance spectroscopy 107
- Li, B.-Y.  
—, Hu, Y., Liang, Y.-Z., Xie, P.-S. and Du, Y.-P.  
Quality evaluation of fingerprints of herbal medicine with chromatographic data 69
- Li, D.-H., see Zhu, C.-Q. 247
- Li, J.  
—, Fuller, S., Cattle, J., Pang Way, C. and Brynn Hibbert, D.  
Matching fluorescence spectra of oil spills with spectra from suspect sources 51
- Li, Y.-X., see Zhu, C.-Q. 247
- Liang, J., see Lau, C. 45
- Liang, Y.-Z., see Chen, B.-M. 185
- Liang, Y.-Z., see Li, B.-Y. 69
- Lima, J.L.F.C., see Peña, R.M. 37
- Lito, M.J., see Viçoso, C. 131
- Liu, L.-W., see Wang, Z.-H. 151
- Lu, J., see Lau, C. 45
- Magliuolo, M., see Brambilla, G. 1
- Makarychev-Mikhailov, S., see Legin, A. 107
- Martín, J., see Pérez-Ruiz, T. 259
- Martínez-Lozano, C., see Pérez-Ruiz, T. 259
- Michael Angel, S., see Chance Carter, J. 241
- Mortensen, J., see Legin, A. 107
- Nakatani, K., see Chikama, K. 145
- Nakazato, T., see Wang, J. 115
- Negishi, T., see Chikama, K. 145
- Nikolelis, D.P., see Snejdarkova, M. 79
- Pampana, L.C., see Pereira, A.S. 9
- Panderi, I., see Pistos, C. 15
- Pandey, A.K., see Sodaye, S. 159
- Pang Way, C., see Li, J. 51
- Peña, R.M.  
—, Lima, J.L.F.C. and Saraiva, M.L.M.F.S.  
Sequential injection analysis-based flow system for the enzymatic determination of aspartame 37
- Pereira, A.S.  
—, Pampana, L.C., Donato, J.L. and De Nucci, G.  
Analysis of nitrofurantoin metabolic residues in salt by liquid chromatography-tandem mass spectrometry 9
- Pérez-Ruiz, T.  
—, Martínez-Lozano, C., Tomás, V. and Martín, J.  
Flow-injection fluorimetric determination of menadione using on-line photo-reduction in micellar media 259
- Pistos, C.  
—, Koutsopoulou, M. and Panderi, I.  
A validated liquid chromatographic tandem mass spectrometric method for the determination of mirtazapine and demethylmirtazapine in human plasma: application to a pharmacokinetic study 15
- Pizarro, C., see Esteban-Díez, I. 57
- Qin, X., see Lau, C. 45
- Reddy, A.V.R., see Sodaye, S. 159
- Rusell, M.L., see Vizioli, N.M. 167
- Saito, I., see Wang, J. 115
- Sakanishi, K., see Wang, J. 115
- Saraiva, M.L.M.F.S., see Peña, R.M. 37
- Shi, Z.-G., see Xu, L. 179
- Snejdarkova, M.  
—, Svobodova, L., Evtugyn, G., Budnikov, H., Karyakin, A., Nikolelis, D.P. and Hianik, T.  
Acetylcholinesterase sensors based on gold electrodes modified with dendrimer and polyaniline. A comparative research 79
- Sodaye, S.  
—, Tripathi, R., Pandey, A.K. and Reddy, A.V.R.  
Scintillating polymer inclusion membrane for preconcentration and determination of  $\alpha$ -emitting actinides 159
- Stozhko, N.Yu., see Brainina, Kh.Z. 227
- Svobodova, L., see Snejdarkova, M. 79
- Tao, H., see Wang, J. 115
- Tomás, V., see Pérez-Ruiz, T. 259
- Tripathi, R., see Sodaye, S. 159
- van Elteren, J.T.  
— and Budič, B.  
Insight into the extractability of metals from soils using an implementation of the linear adsorption isotherm model 137
- Van Zee, J.W., see Chance Carter, J. 241
- Viçoso, C.  
—, Lito, M.J. and Camões, M.F.  
Solubility and osmotic coefficient of phthalic acid aqueous solutions from isopiestic measurements 131
- Vizioli, N.M.  
—, Rusell, M.L. and Carducci, C.N.  
On-line preconcentration capillary electrophoresis for purity profiling of synthetic peptides 167
- Vlasov, Y., see Legin, A. 107
- Wang, J.  
—, Nakazato, T., Sakanishi, K., Yamada, O., Tao, H. and Saito, I.  
Microwave digestion with  $\text{HNO}_3/\text{H}_2\text{O}_2$  mixture at high temperatures for determination of trace elements in coal by ICP-OES and ICP-MS 115
- Wang, Y.-L., see Chen, B.-M. 185
- Wang, Z.-H.  
—, Zhang, Z.-P., Wang, Z.-P., Liu, L.-W. and Yan, X.-P.  
Acrylic acid grafted polytetrafluoroethylene fiber as new packing for flow injection on-line microcolumn preconcentration coupled with flame atomic absorption spectrometry for determination of lead and cadmium in environmental and biological samples 151
- Wang, Z.-P., see Wang, Z.-H. 151
- Wheeler, J.F., see Herbert, B.J. 27
- Wiberg, K.  
— and Jacobsson, S.P.  
Parallel factor analysis of HPLC-DAD data for binary mixtures of lidocaine and prilocaine with different levels of chromatographic separation 203

- Wu, X.J.  
— and Choi, M.M.F.  
An optical glucose biosensor based on entrapped-glucose oxidase in silicate xerogel hybridised with hydroxyethyl carboxymethyl cellulose 219
- Wu, Y.-Q., see Zhu, C.-Q. 247
- Xie, P.-S., see Li, B.-Y. 69
- Xu, J.-G., see Zhu, C.-Q. 247
- Xu, L.  
—, Feng, Y.-Q., Shi, Z.-G., Da, S.-L. and Gu, J.-M.  
Nonaqueous capillary electrophoresis using a zirconia-coated capillary 179
- Yamada, O., see Wang, J. 115
- Yan, X.-P., see Wang, Z.-H. 151
- Zagatto, E.A.G., see Dias, A.C.B. 253
- Zhang, S.  
—, Zhao, H., Jiang, D. and John, R.  
Photoelectrochemical determination of chemical oxygen demand based on an exhaustive degradation model in a thin-layer cell 89
- Zhang, Z.-P., see Wang, Z.-H. 151
- Zhao, H., see Zhang, S. 89
- Zheng, H., see Zhu, C.-Q. 247
- Zhu, C.-Q.  
—, Zhuo, S.-J., Chen, J.-L., Wu, Y.-Q., Li, Y.-X., Li, D.-H., Zheng, H. and Xu, J.-G.  
A kinetic fluorometric method for the determination of nucleic acids using a ternary equilibrium system of nucleic acids—iron (III) tetracarboxy phthalocyanine—poly-lysine coupled with the oxidation reaction between hydrogen peroxide and DL-tyrosine 247
- Zhuo, S.-J., see Zhu, C.-Q. 247





**Vol. 514**

**Iss. 1**

**JUN 30**

**2004**